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ABSTRACT

This lesson plan is designed to give intermediate elementary school students the opportunity to use a highway map to prepare for an imaginary trip to a chosen destination in Illinois or surrounding state. In order to complete the assigned task successfully, students will need to utilize all skills learned during preceding class periods. The major organizing idea reinforced by this lesson is to apply learned skills and knowledge to reading a highway map. The goals include having the students accurately compute mileage between two points on a highway map and to correctly identify and interpret map symbols. The students will be engaged in a direct instruction model that requires the use of basic skills, facts, and knowledge. (LBG)

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"HOW DO I GET THERE FROM HERE?"

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ILLINOIS HIGHWAY MAP - TEACHER'S GUIDE

TITLE OF LESSON: "HOW DO I GET THERE FROM HERE?"

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GRADE LEVEL: Intermediate

TIME NEEDED: 1-2 class periods, depending upon the number of students in the class.

GEOGRAPHIC THEME: Location/Movement/Place

DESCRIPTION: The following lesson plan is designed to allow the student the opportunity to use a highway map to prepare for an imaginary trip to a chosen destination in Illinois or a surrounding state. In order to successfully complete the assigned task, the students will need to utilize all skills previously learned during preceding class periods. The major organizing idea reinforced by this lesson is: To apply learned skills and knowledge in reading a highway map. The goals of this lesson are to have the students accurately compute mileage between two points on a highway map, and to correctly identify and interpret map symbols. The students will be engaged in a direct instruction model that requires the use of basic skills, facts, and knowledge.

MATERIALS NEEDED:

1. Instruction Sheet
2. State of Illinois Highway Map
3. Fact and Information Sheet
4. 3x5 card stating the destination in Illinois or surrounding state
5. Atlases, encyclopedias, travel brochures (optional)

OBJECTIVES:

Students will:

1. locate their destination on an Illinois Highway Map. (Knowledge)
2. select a route from their home to their destination. (Comprehension/Analysis)
3. explain what they plan to see and do while visiting their destination. (Comprehension)
4. identify various landforms, bodies of water, and points of interest they will see either enroute or while present at their destination. (Knowledge)
5. summerize the information they gathered from their maps in an orderly and enthusiastic manner with the other class members. (Comprehension)
6. accurately, within 25 miles, compute mileage between home and their point of destination. (Application)
7. draw the route selected to their destination on an outlined map of Illinois. (Application)

PRIOR KNOWLEDGE:

1. Students need to know the basics in reading a road map.
   i.e. 1). how to calculate mileage along interstate highways and sub-ordinate routes.
   2). how to interpret map symbols
   3). how to locate cities using coordinates
   4). how to identify bodies of water
   5). how to identify different types of roads throughout the state of Illinois
2. Personal knowledge they have acquired over the years either by vacationing, moving from city to city, visits, or personal curiosity.

PROCEDURES:

1. Hand-out instruction sheet to students called,"HOW DO I GET THERE FROM HERE?" and read through it with the students. About 5 minutes
2. Divide the class into groups of 3 or 4 and have them select a spokesperson.
3. Allow the spokesperson to select a 3x5 card for their group with an imaginary trip destination on the card.
4. Allow an adequate period of time for each group to complete the assignment. Allow 25 minutes
5. The spokesperson from each group will make a presentation to the entire class, containing the information from the Fact and Information Sheet completed during the assignment. See attached Fact and Information Sheet
6. To evaluate the success of this lesson:
   a. Note first of all the enthusiasm of the students as they set out on the completion of their task.
   b. The accuracy with which they complete the assignment.
   c. Apositive response to the last question on the Fact and Information Sheet.
   d. An accurately drawn map, indicating routes taken to their destination, bodies of water, landforms, and points of interest visited while enroute to their destination.

INSTRUCTION SHEET

"HOW DO I GET THERE FROM HERE?"

We have spent the past two weeks learning how to read and interpret a road map. Now that all of you are proficient in this skill, today, we are going to put what we have learned to use.

This activity will allow each of you the opportunity to use what knowledge and information you possess, and share that information with your classmates. "HOW DO I GET THERE FROM HERE?" is an activity I have devised to allow you to use your map reading skills and to share past knowledge acquired from personal trips and vacations.

You will be divided into groups of 3 to 4 individuals and each group will select a spokesperson. That spokesperson's first task will be to select a 3x5 card with a destination printed on that card. As a group, you are to decide how you would get to your destination. Be specific in stating routes and mileage. I also want you to pay close attention to landforms, and landform changes if printed on your map. Please list areas you might travel through , such as a National forest, hills,and plains. Pay close attention to bodies of water and points of interest, as all places will need to be listed on the Fact and Information Sheet.

Fill out in detail the attached Fact and Information Sheet.

At the end of 25 minutes we will share the information gathered with the remainder of your classmates. The spokesperson will assume this responsibility.

FACT AND INFORMATION SHEET

Names of group members_____

_____

Group Spokesperson_____

Destination_____

_____

_____

Routes taken to reach destination from your hometown. Be sure to state north (N), south (S), east (E), west (W), and number of miles traveled on each route._____

_____

_____

Total number of miles one way._____

If you choose to return by an alternate route please list routes and miles from destination to hometown._____

_____

_____

_____

What points of interest, if any, did you pass enroute to your destination? _____

_____

_____

Did you cross any rivers and/or lakes?_____

Name them._____

_____

Did you cross any railroads?_____

What do you think you will do while at your destination. You may include areas to sightsee, recreational activities available for you, historical or geographical points of interest, specific landmarks or landforms._____

_____

_____

Would you like to actually take this trip?_____

Why or why not? Be specific. _____

_____

_____

_____

_____

_____

LIST OF SUGGESTED VACATION DESTINATIONS

1. You will be attending the annual rendezvous at Fort De Chartres Historic Site on the Mississippi River, and tour the surrounding area taking in points of interest located in the area.
2. You will be journeying to our state capital, Springfield, to take in the historical sites in the area.
3. You will be visiting Chicago to attend a night Cubs baseball game. During the day you will visit Lake Michigan, the Natural History Museum, the Shedd Aquarium, the Art Institute, and Brookfield Zoo.
4. You will be going to Cave-In-Rock State Park to see the Cave and to ride the Ferry to the state of Kentucky.
5. You will be journeying to Fort Defiance State Park to see the confluence of the Mississippi and Ohio Rivers. While there you will visit the old historic library in Cario,Illinois.
6. You will be vacationing in St.Louis,Missouri. On the way to St.Louis you will be visiting Cahokia Mounds Historic Site located south of I55 and I70, and west of I255 and north of I64. While in St. Louis you will visit the Gateway Arch and attend a St. Louis Cardinal ballgame.
7. You will be traveling to Gallatin County,Illinois and you will be visiting the Garden of the Gods to study rock formations and to camp overnight at Pounds Hollow Recreational Area.
8. Your destination will be the La Salle - Peru area of the state. While there you will be visiting amoung other sites, Starved Rock State Park.
9. You will be visiting Grafton, Illinois and wittnessing the confluence of the Mississippi and Illinois Rivers.
10. You will be traveling by automobile from Muscatine, Iowa to Dubuque, Iowa along the Great River Road. The first part of your journey will be in the state of Illinois. The return trip from Dubuque to Muscatine will be in the state of Iowa.

"HOW DO I GET THERE FROM HERE?"

EXTENDED LESSON I

GRADE LEVEL: Intermediate/Gifted

TIME NEEDED: 1-2 class periods, depending upon the number of students in the class.

GEOGRAPHIC THEME: Location/Movement/Place

DESCRIPTION: The following lesson plan is designed to allow the student to analyze a predetermined route for an imaginary trip in Illinois or a surrounding state. In order to complete the task the student will need basic knowledge in how to read and interpret a highway map. They also will need to possess good analytical and synthesizing skills. The major organizing idea reinforced by this lesson is: To evaluate a predetermined route for an imaginary trip. The goals of this lesson are to have the students determine whether the preselected route is the best route, having selected the most interesting points of interest, and the most accessible and/or shortest route to the destination. The students will be engaged in a direct instruction model that requires the use of critical thinking skills.

MATERIALS NEEDED:

1. Instruction sheet
2. State of Illinois Highway Map
3. Route Evaluation Sheet
4. 3x5 card stating routes taken, miles traveled, and points of interest visited.
5. Atlases, encyclopedias, travel brochures (optional)

OBJECTIVES:

Students will:

1. locate the specified destination on an Illinois Highway Map. (Knowledge)
2. appraise the suggested route to determine the overall best route to take to the predetermined destination. (Evaluation)
3. make suggestions as to a more appropriate route to the stated destination. Identifying various landforms, bodies of water, and points of interest. (Synthesis)
4. accurately, within 25 miles, compute the mileage between home and the point of destination. (Application)
5. chart the predetermined destination route from home,showing bodies of water, landforms, and points of interest on an outlined map of Illinois. (Application)
6. on the same aforementioned outlined map of Illinois, use a different symbol, to indicate their suggested revised route to the predetermined destination. (Application)
7. justify their evaluation in an orderly and enthusiastic manner to the other class members. (Evaluation)

PRIOR KNOWLEDGE:

1. Students need to know the basics in reading a road map.
   i.e. 1). how to calculate mileage along interstate highways and sub-ordinate routes.
   2). how to interpret map symbols
   3). how to locate cities using coordinates
   4). how to identify bodies of water
   5). how to identify different types of roads throughout the state of Illinois
2. Personal knowledge they have acquired over the years either by vacationing, moving from city to city, visits, or personal curiosity.

PROCEDURES:

1. Hand-out instruction sheet to students and read through it with them.
2. Divide students into groups of 3 or 4 and have them select a spokesperson.
3. Allow spokesperson to select a 3x5 card for their group with a predetermined destination, routes, points of interest, and mileage stated on the card.
4. Allow an adequate period of time for each group to complete the assignment.
5. The spokesperson of each group will make a presentation to the entire class. In the presentation they will include information from the Route Evaluation Sheet completed during the assignment. See attached Route Evaluation Sheet.
6. To evaluate the success of this lesson:
   a. Note first of all the enthusiasm of the students as they set out on the completion of their task.
   b. The accuracy with which they complete the assignment.

INSTRUCTION SHEET

"HOW DO I GET THERE FROM HERE?"

EXTENDED LESSON I

Since you are proficient in the use and interpretation of a highway map, this activity is designed to provide you the opportunity to analyze and evaluate a predetermined route, as well as side trips to visit various points of interest.

You will be divided into groups of 3-4 individuals and each group will select a spokesperson. The first task of that spokesperson will be to select a 3x5 card with a description of the site visited, as well as the routes taken to reach the destination. Also, included on this 3x5 card will be the mileage and the points of interest visited either enroute to, or on the return trip to your hometown. As a group, you will analyze and evaluate this information, and if you feel the best overall route was chosen then you may accept this itinerary. However, should you decide another route is best, then it will need to be identified, as well as the mileage to and from your destination, along with points of interest visited while enroute. Be specific in stating routes and mileage. I also want you to pay close attention to landforms and landform changes if printed on your map.

Fill out in detail the Route Evaluation Sheet.

On the second day of class, your group, led by the spokesperson, will present your findings to the remainder of the class. Included in your presentation will be the map charting both routes, the predetermined one, as well as your group's selection.

ROUTE EVALUATION SHEET

Names of group members_____

_____

Group Spokesperson_____

Predetermined Destination_____

_____

_____

_____

Mileage_____Historical or Geographical Points of Interest_____

_____

_____

Bodies of water_____

_____

Landforms_____

Do you, as a group,feel the selected route was the best overall route to take to the destination?_____ If no, would you alter the routes taken?_____ What would your itinerary be?_____

_____

_____

_____

_____

Mileage_____Historical or Geographical Points of Interest_____

_____

_____

Bodies of water_____

_____Landforms_____

_____

Would you like to actually take this trip?_____ Why or why not?_____

_____

LIST OF SUGGESTED PREDETERMINED DESTINATIONS

DESTINATION:	Carlyle Lake for a fishing week-end. Camp at Eldon Hazlet State Park.
ROUTES:	State route 13 to state route 148 for 3 miles; state route 148 to I57 in Mt. Vernon for 45 miles; I57 to state route 15 for 3 miles; state route 15 to Nashville and state route 127 for 27 miles; state route 127 to Carlyle for 19 miles; side road from Carlyle to Eldon Hazlet State Park for 4 miles.
TOTAL MILEAGE:	101 miles
POINTS OF INTEREST:	Rend Lake,Wayne Fitzgerald State Park, Mt. Vernon Game Farm
LANDFORMS:	Plains
BODIES OF WATER:	Big Muddy River; Rend Lake; Kaskaskia River

DESTINATION:	Cahokia Mounds State Park
ROUTES:	State route 13 to I57 in Marion for 7 miles; I57 to I64 west for 47 miles; I64 to state route 157 for 61 miles; state 157 to county road west to Cahokia Mounds State Park for 6 miles; country road to Cahokia Mounds for 2 miles.
TOTAL MILEAGE:	123 miles
POINTS OF INTEREST:	Rend Lake
LANDFORMS:	Plains
BODIES OF WATER:	Rend Lake; Kaskaskia River

DESTINATION:	Starved Rock State Park
ROUTES:	State route 13 to I57 in Marion for 7 miles; I57 to I74 for 190 miles; I74 to U.S. route 51 for 51 miles; U.S. route 51 to state route 71 for 60 miles; state route 71 to Park for 10 miles.
TOTAL MILEAGE:	310 miles
POINTS OF INTEREST:	Rend Lake, University of Illinois, Illinois State University, Matthiessen State Park, Buffalo Rock State Park, Illini State Park, Donnelley Wildlife Management Area, Illinois River, Wild Bill Hickok State Memorial
LANDFORMS:	Plains
BODIES OF WATER:	Rend Lake,Little Wabash River, Sangamon River, Clinton Lake, Mackinaw River, Vermilion River, Illinois River

DESTINATION:	Carl Sandburg Birthplace State Memorial, Galesburg, Illinois
ROUTES:	State route 13 to U.S. route 51 north for 6 miles; U.S. route 51 to I74 for 203 miles; I74 to Galesburg for 89 miles.
TOTAL MILEAGE:	298 miles
POINTS OF INTEREST:	Crab Orchard Lake, Vandalia State House Memorial, Ramsey Lake State Park, Lincoln Trail Homestead State Park, Weldon Springs State Park, Clinton Nuclear Power Plant, Farmdale Recreation Area,

	Jubilee College State Park, Illinois River, Carl Sandburg Birthplace State Memorial, Carl Sandburg College.
LANDFORMS:	Plains
BODIES OF WATER:	Crab Orchard Lake, Little Muddy River, Kaskaskia River, Sangamon River, Mackinaw River, Illinois River, Spoon River